

## ABSTRACT OF THE DISCLOSURE

1           A method and apparatus for providing welding power with a start  
2 control is disclosed. The welding power supply includes a source of welding power,  
3 a wire feeder and a controller. The source of welding power has at least one power  
4 control input, and provides welding power to an arc. The wire feeder has a feeder  
5 control input, and provides wire to the arc. The controller has a wire feed control  
6 output connected to the feeder control input, and a power source control output  
7 connected to the power control input. The controller also has a wire feed delay  
8 module, having as an input a user trigger signal, and having as an output the wire  
9 feed control output and the power source control output.